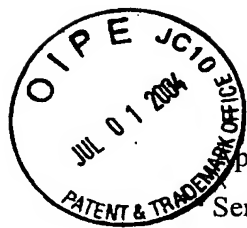


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DENBAARS et al.

Serial No. 10/815,426

Group Art Unit: 2879

Filed: March 31, 2004

Examiner: unknown

Title: MULTI ELEMENT, MULTI COLOR SOLID STATE LED/LASER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed within three months of the filing of the above referenced application or before the mailing date of a first Office Action on the merits for the above-referenced application.

In accordance with the PTO procedure, (all patent applications filed after June 30, 2003), we have not enclosed the U.S. patent references cited on PTO form 1449.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration of relevant portions thereof by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

6/28/04  
Date

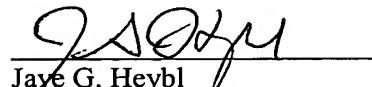
Maureen Middleton

constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Dated: 6/28/04

  
Jaye G. Heybl  
Registration No. 42,661  
Attorney for Applicant

KOPPEL, JACOBS, PATRICK & HEYBL  
555 St. Charles Drive, Suite 107  
Thousand Oaks, California 91360  
(805) 373-0060  
M/J4-P0149US2-7IDS-1.97(b).doc

FORM PTO-1449 (Modified)

Docket No.  
P0149US2-7Application Number  
10/815,426INFORMATION DISCLOSURE CITATION  
IN AN APPLICATIONApplicants  
DENBAARS et al.Filing Date  
March 31, 2004Group Art Unit  
2879

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate
	4	9	9	2	3	0	2	02/12/91	LINDMAYER	427	70	
	5	7	5	7	0	2	6	05/26/98	FORREST et al.	257	40	
	5	9	5	9	3	1	6	09/28/99	LOWERY	257	98	
	5	8	1	3	7	5	3	09/29/98	VRIENS et al.	362	293	
	5	6	8	4	3	0	9	11/04/97	MCINTOSH et al.	257	191	
	6	2	5	5	6	6	9	07/03/01	BIRKHAHN et al.	257	89	
	6	2	3	9	9	0	1	05/2001	KANEKO	359	326	
	6	0	9	3	9	4	1	07/2000	RUSSELL et al.	257	103	
	6	3	3	7	5	3	6	01/2002	MATSUBARA et al.	313	498	
	6	2	1	2	2	1	3	04/2001	WEBER et al.	372	50	
	6	1	6	6	4	8	9	12/2000	THOMPSON et al.	313	506	

## FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Subclass	Translation	
												Yes	No
	DE	19	6	4	5	03	5	04/30/98	GERMANY			X	X
	WO	97	50	1	3	2	A	12/31/97	PCT				X
	10	05	62	0	3			02/1998	JAPAN	H01L	33/00		
	JP	05	15	26	0	9	A	6/1993	JAPAN				X
	JP	08	00	76	1	4	A	1/1996	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	NICHA CORP PART SPECIFICATION, <u>HIGH BRIGHTNESS LEDs</u> , (5-1999), pages 1-3. (NSPW 300BS, NSPW)
	2	PRENTICE HALL, <u>LASER ELECTRONICS 2<sup>nd</sup> EDITION</u> , J.T. Verdeyen, p. 363 (1989)
	3	PUBLICATION NO. 2002-0003233 A1, 1/2002, MUELLER-MACH et al..
	4	PATENT ABSTRACTS OF JAPAN, VOL. 017, NO. 542 (E-1441), 29 SEPTEMBER 1993.
	5	PATENT ABSTRACTS OF JAPAN, VOL. 096, NO. 005, 31 MAY 1996
Examiner		Date Considered

FORM PTO-1449 (Modified)  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)	Docket No. P0149US2-7	Application Number 10/815,426
	Applicant DENBAARS et al.	
	Filing Date March 31, 2004	Group Art Unit 2879

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate
	5	9	5	2	6	8	1	9/1999	CHEN	257	89	
	5	8	9	8	1	8	5	4/1999	BOJARCZUK, JR. et al.	257	103	

## FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Subclass	Translation	
												Yes	No
	DE	90	13	6	1	5	U	12/1990	GERMANY				X
	DE	33	15	6	7	5	A	11/1983	GERMANY				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through		